

## Final Project (due **Monday, June 10 @ noon**)

### **What's Due**

- A completed NetLogo model/s and a final paper/report should be submitted for your project via Modeling Commons. The report should be attached to your primary model on Modeling Commons.
- A completed Modeling Commons page.

### **Details**

#### Completed NetLogo model(s)

- Your model must conform to the NetLogo Style Guide that will be posted on Box.
- Your model needs a completed information tab. (The NetLogo Style Guide spells out several sections the information tab should include.)
- All procedures should be commented with an explanation of the purpose of the procedure

#### Final Paper/Report (Minimum 10 pages, double-spaced)

This is the final "evolution" of the document that started as your final project design proposal. The final report should include all of the same information that the proposal contained (big picture overview, description of what can be learned, motivation/rationale for the project, description of rules/model implementation), but it should be more polished, and also contain sections describing your analysis of the model.

There are three major forms your analysis can take. Choose what seems most applicable:

- **Exploration of parameter space and possible regimes**  
BehaviorSpace and/or other tools may be used for this.
- **Comparison with real world data / reference pattern**
- **Empirical analysis**  
Report on an actual case of someone (or some group) actually using your model. This is the preferred method of analysis for HubNet models.

#### Additional Requirement for EECS 472

EECS 472 students must produce a more polished paper, embedded in the relevant literature, at a standard that could put it on a trajectory towards publication.

They must also do one of the following:

1. Create an additional HubNet activity that complements the NetLogo model

2. Design and implement an extension to NetLogo
3. Incorporate some other advanced NetLogo feature (such as interfacing with hardware) into a complementary model
4. Create additional related, but distinct models

In your final project proposal you will need to outline the option you are choosing and will receive feedback from us. If you have an alternative additional component that you think would fit well with your project it, feel free to suggest it.

### Modeling Commons page

When you are finished, the Modeling Commons page for your project should include all relevant materials including:

- your original project proposal
- weekly progress reports
- your final report
- Your “poster slam” presentation slides

### **Evaluation Criteria**

Your project will be evaluated according to these criteria:

- Quality of paper & model design
- Creativity/originality of the model
- Completeness and correctness of the code
- Quality and clarity of the code
- Quality, depth and thoroughness of the model analysis
- Quality and clarity of the Information Tab
- Adherence to the NetLogo Style Guide
- Usability, aesthetics and clarity of the user interface
- Timeliness/thoroughness of Design Proposal and Progress Reports
- Poster slam presentation (2-minute quick presentations)

Also: Quality of the poster and oral poster explanation at the poster session (but note the poster itself is not “due” until the poster session on June 11)